

CONR - 1 AF (AFNORTH)

Air Force Rescue Coordination Center General Aviation SAR



Capt Roy A. Porter
SAR Duty Officer



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This brief is **UNCLASSIFIED**

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Overview

- **Console Overview**
- **Aviation Incident Notification**
- **Incident Walkthrough – 406 Alert**
- **Questions**



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Console Overview

- Staffed 24/7/365
- Personnel
 - SAR Duty Officer / 1-2 Controllers
- Tools
 - Excel-based incident log
 - Aeronautical Information System Replacement (AISR)
 - Internet / Google Earth
 - 6-line rolling phone system (recorded)
 - DEN
- AOC Capabilities
 - ISR - Weather Team
 - FAA - CAP



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Notification of Aviation Incident

Issuer	Type
USMCC / SARSAT system	406 MHz ELT
FAA	ALNOT – Radar / Radio Drop-off
	ALNOT / INREQ – Overdue
	121.5 MHz ELT
Family	Overdue
State / County	Crash

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2011 Beacon Incidents

Type	Number
121.5 MHz	277
243.0 MHz	8
406 ELT	3491
406 EPIRB	146
406 PLB	479
PRC/URT	512

Result	Number
Non-Distress	2706
Distress	106
Ceased	1543
False	641
Hand-off	317

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406 Alert Walkthrough

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- **Receive initial notification from USMCC**
 - AISR
- **Utilize registration information (if available)**
- **Utilize location (if available)**
 - GPS vs Doppler
- **Notify agency in charge**
- **Gather information**
 - Owner / Aircraft type - Route - ETD/A
 - Pilot / passenger info (name, cell phone, qualifications)

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Investigation

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- **Open incident with ARTCC(s)**
 - Airborne report solicitation
- **Open incident with HUB/FSS**
 - Ramp check results
 - Confirm no missing overdue
- **Mission Decision – NLT 2 hours after notification**
 - Responsible agency request
 - ALNOT/INREQ
 - Beacon not located / lack of non-distress evidence
 - Remote area
 - Positive airborne reports

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Radar Analysis

- AMOC
- FAA
- RADES
- CAP



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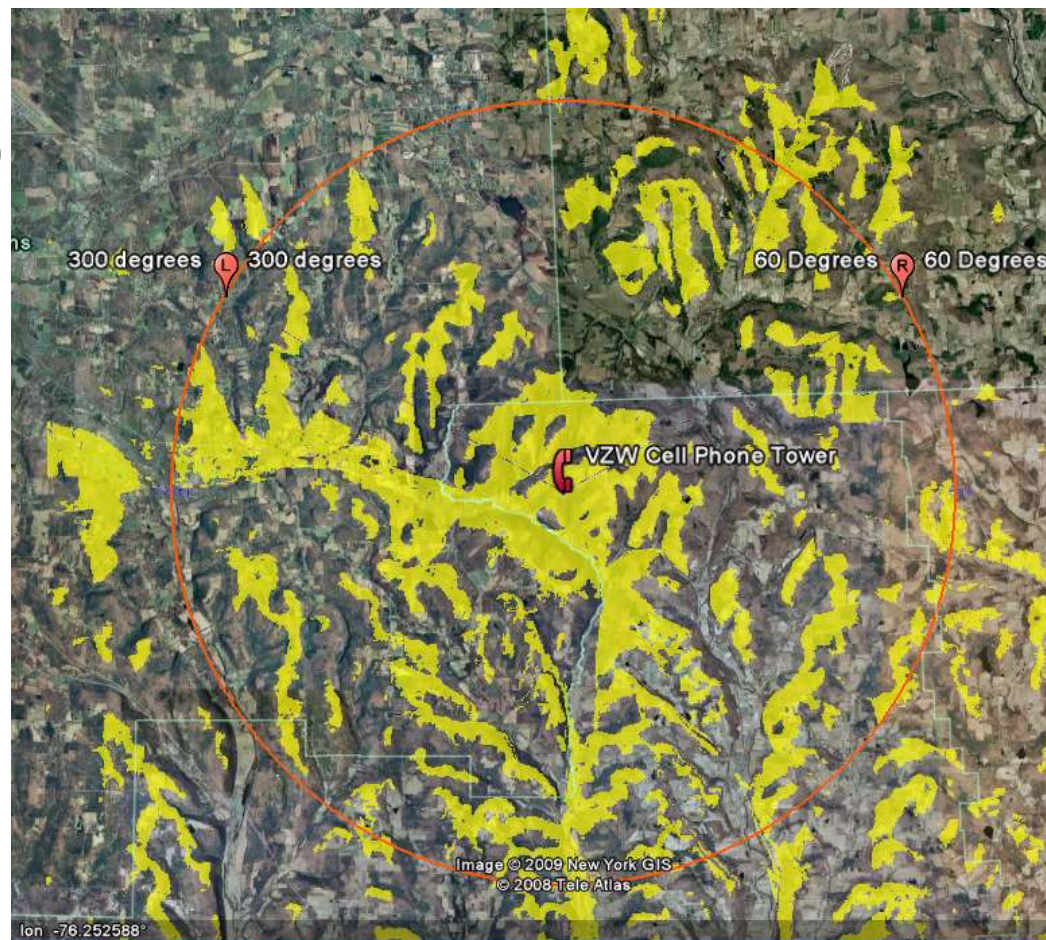


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Cell Phone Forensics

- NHQ CAP cellular analysis expert
- Provides:
 - Recent activity (time)
 - Location – LKP
 - Tower(s)
 - Range
 - Sector
 - GPS (if equipped)



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Available Assets

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- **AFRCC does not own assets**
 - Resource broker
 - Ask, not task authority
- **CAP (Aircraft, ground teams)**
- **Local Authorities (County Sheriff, State Police)**
- **Military (Active Duty, National Guard, Reserves)**
 - Not-to-interfere with military mission
 - Posse Comitatus Act: military cannot enforce law
- **US Coast Guard**

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Closure Criteria

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- Incident is handed off
 - Outside AFRCC SRR
- Alert signal ceases
- Beacon is located and silenced

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